Fig. 1

```
                10        20        30        40        50        60
ulbp2   MAAAAATKIL LCLPLLLLLS GWSRAGRADP HSLCYDITVI PKFRPGPRWC AVQGQVDEKT

        ::::::.    .: : :::::::::: .: :.: ::: :::::::::: :::::::::: ::::::::::

rl5     MAAAASPAFL LRLPLLLLLS SWCRTGLADP HSLCYDITVI PKFRPGPRWC AVQGQVDEKT
                10        20        30        40        50        60


                70        80        90        100       110       120
ulbp2   FLHYDCGNKT VTPVSPLGKK LNVTTAWKAQ NPVLREVVDI LTEQLRDIQL ENYTPKEPLT

        :::::::::.: :::::::::: :::::::::: :::::::::: ::::: :::: ::: :::::::

rl5     FLHYDCGSKT VTPVSPLGKK LNVTTAWKAQ NPVLREVVDI LTEQLLDIQL ENYIPKEPLT
                70        80        90        100       110       120


                130       140       150       160       170       180
ulbp2   LQARMSCEQK AEGHSSGSWQ FSFDGQIFLL FDSEKRMWTT VHPGARKMKE KWENDKVVAM

        :::::::::: ::::.::::: .:::::::::: :::::.:::: :::::::::: ::::::  ..:

rl5     LQARMSCEQK AEGHGSGSWQ LSFDGQIFLL FDSENRMWTT VHPGARKMKE KWENDKDMTM
                130       140       150       160       170       180


                190       200       210       220       230       240
ulbp2   SFHYFSMGDC IGWLEDFLMG MDSTLEPSAG APLAMSSGTT QLRATATTLI LCCLLIILPC

        ::::.::::: :::::::::: ::::::::::             ::.

rl5     SFHYISMGDC TGWLEDFLMG MDSTLEPSAG -------GTV
                190       200       210       220       230


ulbp2   FILPGI

rl5
```

Fig. 2A

```
Ulbp2: 1   atggcagcagccgccgctaccaagatccttctgtgcctcccgcttctgctcctgctgtcc 60
           |||||||| |||||||    || | |||||||  |||||||||||||||||||||||||||
r15:   1   atggcagcggccgccagcccccgcgttccttctacgcctcccgcttctgctcctgctgtcc 60

ulbp2: 61  ggctggtcccgggctgggcgagccgaccctcactctctttgctatgacatcaccgtcatc 120
           ||||||  |  ||  |  ||||  ||||||||||||||||||||||||||||||||||||||
r15:   61  agctggtgcaggaccgggctggccgaccctcactctctttgctatgacatcaccgtcatc 120

ulbp2: 121 cctaagttcagacctggaccacggtggtgtgcggttcaaggccaggtggatgaaaagact 180
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
RL5:   121 cctaagttcagacctggaccacggtggtgtgcggttcaaggccaggtggatgaaaagact 180

Ulbp2: 181 tttcttcactatgactgtggcaacaagacagtcacacctgtcagtcccctggggaagaaa 240
           |||||||||||||||||||||||| |||||||||||||| ||||||||||||||||||||
RL5:   181 tttcttcactatgactgtggcagcaagacagtcacacccgtcagtcccctggggaagaaa 240

Ulbp2: 241 ctaaatgtcacaacggcctggaaagcacagaacccagtactgagagaggtggtggacata 300
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
RL5:   241 ctaaatgtcacaacggcctggaaagcacagaacccagtactgagagaggtggtggacata 300

Ulbp2: 301 cttacagagcaactgcgtgacattcagctggagaattacacacccaaggaaccctcacc 360
           ||||||||||||||| |||||||||||||||||||||||| ||||||||||||||||||
RL5:   301 cttacagagcaactgcttgacattcagctggagaattacatacccaaggaaccctcacc 360

Ulbp2: 361 ctgcaggcaaggatgtcttgtgagcagaaagctgaaggacacagcagtggatcttggcag 420
           ||||||||  ||||||||||||||||||||||||  |||||||||  |||||||||||||
RL5:   361 ctgcaggccaggatgtcttgtgagcagaaagccgaaggacacggcagtggatcttggcag 420

Ulbp2: 421 ttcagtttcgatgggcagatcttcctcctctttgactcagagaagagaatgtggacaacg 480
           |||||||||||| ||||||||||||||||||||||||||||||  || |||||||||||||
RL5:   421 ctcagtttcgatggacagatcttcctcctctttgactcagaaaacagaatgtggacaacg 480

Ulbp2: 481 gttcatcctggagccagaaagatgaaagaaaagtgggagaatgacaaggttgtggccatg 540
           ||||||||||||||||||||||||||||||||||||||||||||||||||| | || |||||
RL5:   481 gttcatcctggagccagaaagatgaaagaaaagtgggagaatgacaaggatatgaccatg 540

Ulbp2: 541 tccttccattacttctcaatgggagactgtataggatggcttgaggacttcttgatgggc 600
           |||||||| ||| |||||||||||||||| | ||||||||||||||||||||||||||||
RL5:   541 tccttccattacatctcaatgggagactgcacaggatggcttgaggacttcttgatgggc 600

Ulbp2: 601 atggacagcaccctggagccaagtgcaggagcaccactcgccatgtcctcaggcacaacc 660
           ||||||||||||||||||||||||||||||||||||    || ||
RL5:   601 atggacagcaccctggagccaagtgcaggaggcacagtctga------------------

Ulbp2: 661 caactcagggccacagccaccaccctcatcctttgctgcctcctcatcatcctcccctgc 720

RL5:       ------------------------------------------------------------

Ulbp2: 721 ttcatcctccctggcatctga

RL5:       ---------------------
```
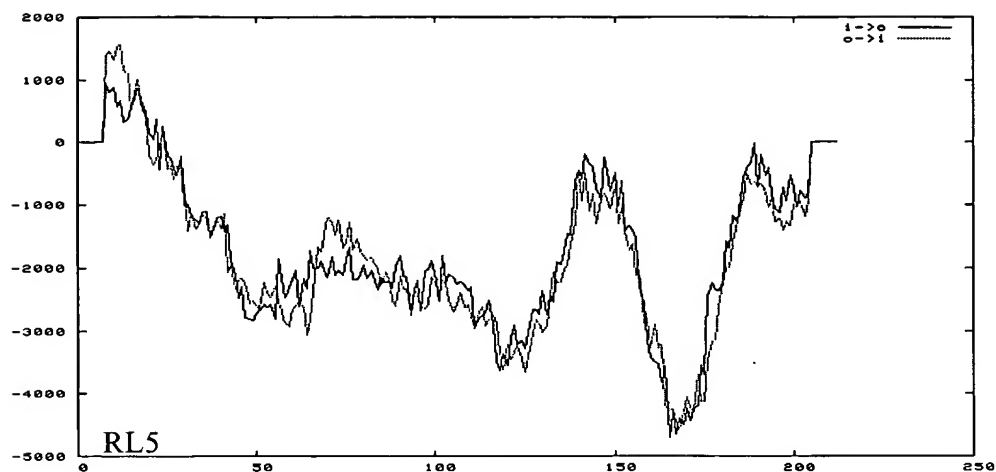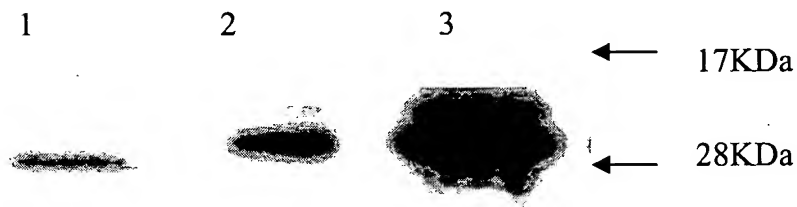
Fig. 2B
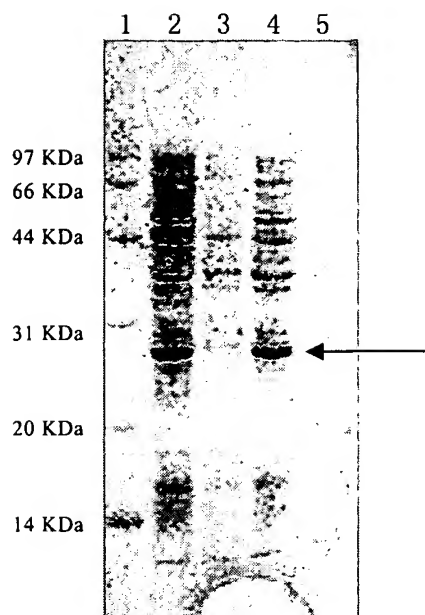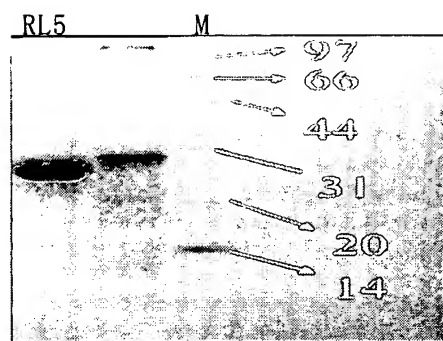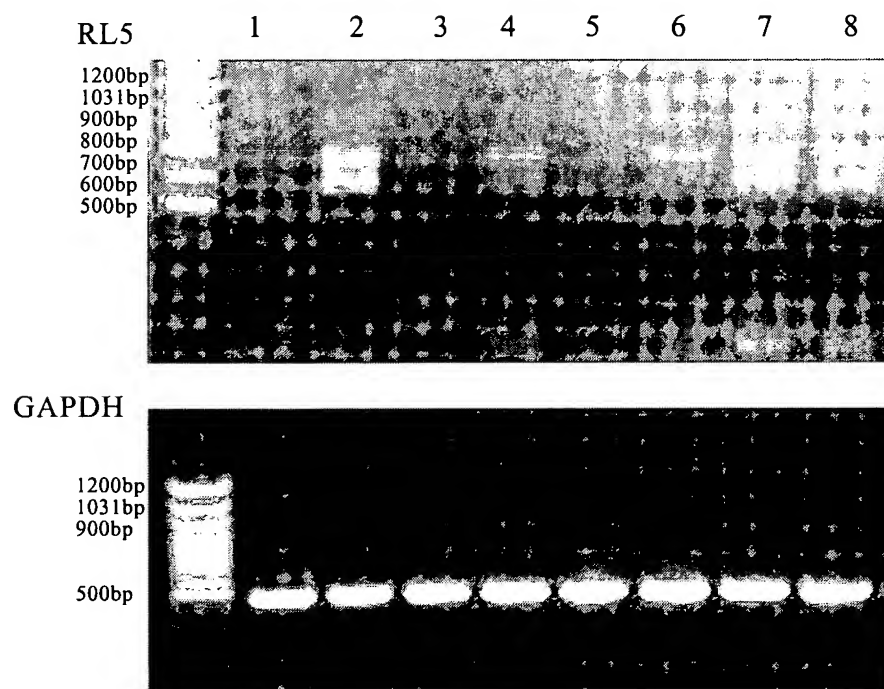
Fig. 3A
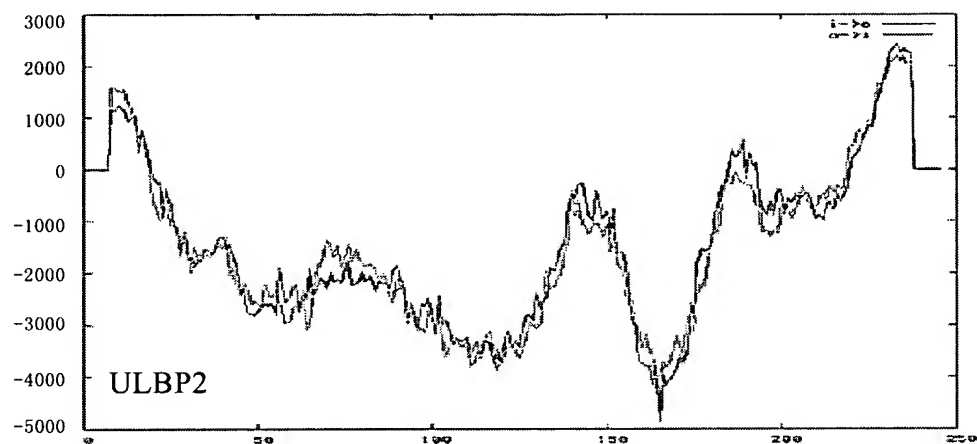
Fig. 3B

Fig. 4

Fig. 5

Fig. 6

1=stomach; 2=stomach cancer; 3=colon; 4=colon cancer
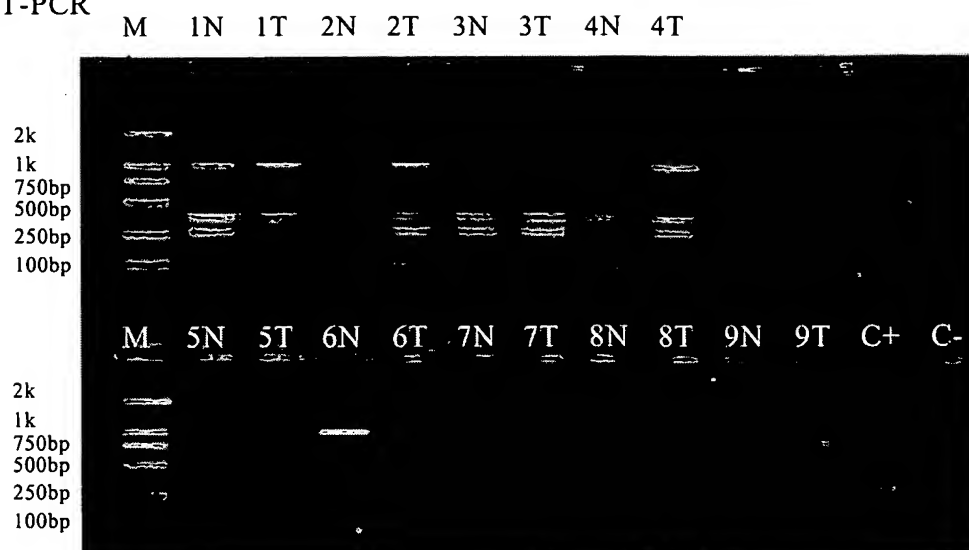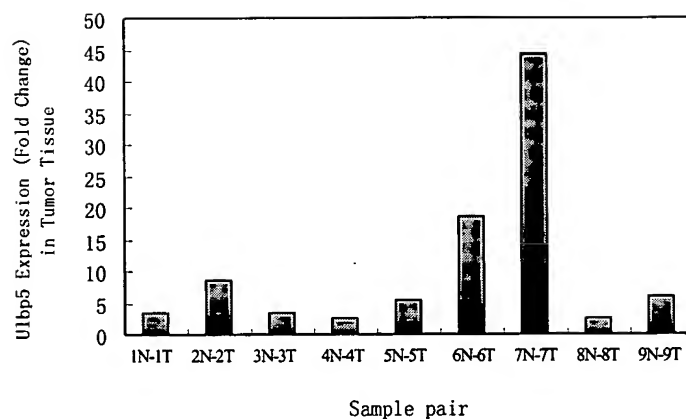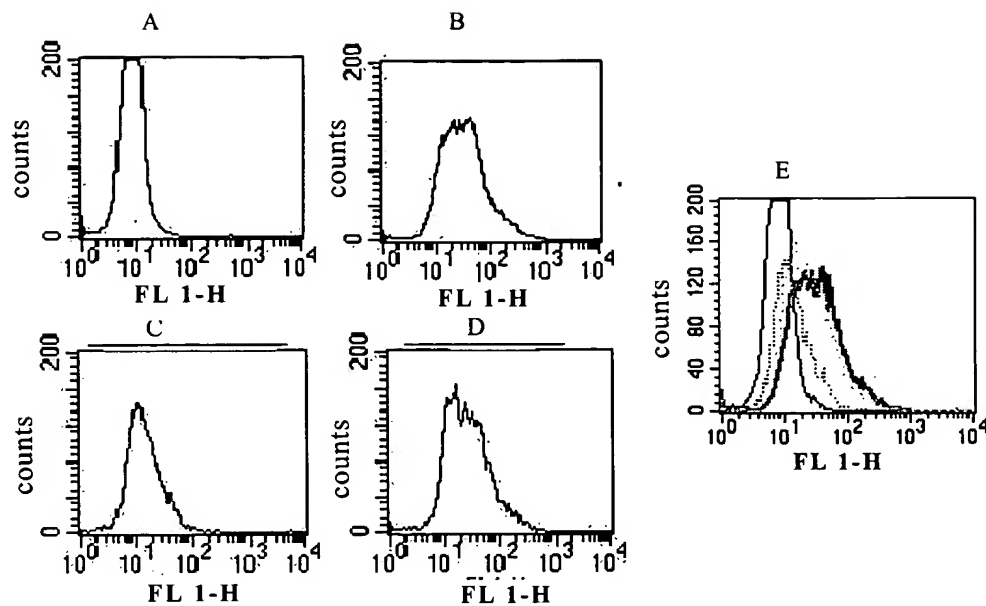5=breast; 6=breast cancer; 7=kidney; 8=kidney cancer

Fig. 7

RT-PCR   M   1N   1T   2N   2T   3N   3T   4N   4T

2k
1k
750bp
500bp
250bp
100bp

M   5N   5T   6N   6T   7N   7T   8N   8T   9N   9T   C+   C-

2k
1k
750bp
500bp
250bp
100bp

Fig. 8A

Ulbp5 Expression (Fold Change) in Tumor Tissue

50
45
40
35
30
25
20
15
10
5
0

1N-1T   2N-2T   3N-3T   4N-4T   5N-5T   6N-6T   7N-7T   8N-8T   9N-9T

Sample pair

Fig. 8B

Fig. 9